

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: RobCap@aol.com
Subject: [679] 30 Meter QRP Rig: Sold
Message-ID: <951130142413_121090202@emout05.mail.aol.com>

The 30 meter QRP rig sold in about 20 nanoseconds (actually it was about 20 minutes).

The \$25 keyer unit is still available.

73,

Rob

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: teda@lexis-nexis.com (Ted Albert)
Subject: [664] 79er Sprint
Message-ID: <199511301348.IAA20002@rain.lexis-nexis.com>

I have finished building the second regenerative receiver for use during this winter's Colorburst Sprint, now it is time to start working on the new transmitter. Here is another reminder of the event.

Announcing the :

QRP-NE (QRP Club of New England)

79er SPRINT

When: Each Thursday evening during February and March, 1996

Modes: CW - Crystal and VFO Control

Freq: ~ 3.579 MHz

Power Level - 5 Watts or less output power

Time: 9:00 - 10:00 p.m. EDT (0200-0300 UTC)

To Call CQ - See below

Exchange - RST QTH NE#X NAME; ie.....579 MA NE46X Harry

Members use QRP-NE number; NE46 and Add X if XTAL control; NE46X
Non-members use Power Level; 4W and Add X if XTAL control; 4WX

QSOs are cumulative: Work the same station on subsequent Thursdays.

The 79er transmitter was NE-QRP's first club project. It uses a 3579.545 kHz crystal to set the frequency. These crystals are used in the color-burst oscillator of all color TV sets in the United States and Canada, and in other devices as well.

The 79er event is an on-the-air get-together, not a contest. Last year, everyone used a mixture of homebrew transmitters with colorburst crystals and commercial QRP rigs. This year, we will welcome all QRP stations to the event. Everyone works everyone this year. Crystal-controlled stations append the letter "X" to their calls, such as "KF8EE/X." Yes, it's legal. We hope this event will stimulate everyone to build a crystal-controlled transmitter to use during the event!

Send Logs to: Ted Albert, KF8EE
1924 Timberidge Drive
Loveland, OH 45140

(or)

e-mail Logs to: teda@lexis-nexis.com

Logs need to be received by April 30, 1996. Results
will be published in "72".

State Output Power Level, Type of Rig, and Antenna Type on logs.
Include comments on the event or how you built your crystal-controlled transmitter for inclusion in the report in "72".

Watch out: W1AW transmits bulletins at 10:00 pm. on 3.581 MHz

Transmitter Reference articles:

In case you were wondering, "79er" comes from 3.579 MHz

Articles abound on building a simple crystal controlled transmitter for 80 meters. Try the "Universal QRP Transmitter", page 26 of "Solid State Design " (ARRL), or "The Oner" (Sprat), or "The Cubic Incher" (ARRL), or "The 79er"/"Colorburst Special"

(QRP-NE).

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: John_Foote_at_HDN-BCSE@ccgate.ml.nec.com
Subject: [693] Battery Ratings
Message-ID: <9510308177.AA817778924@mv1smtp.ccgate.ml.nec.com>

Can anyone help me with a battery question?

I thought, and have read, that (lead acid, "stationary") batteries deliver current to a load as follows:

First, take the amp hr. rating, which is AMPS X HOURS

Next, divide by the hours to get the amps delivered to the load during that time. But by what time do you use here (to divide)?

So, for example, a "200 amp-hour" battery should deliver 25 amps for 8 hours -- OR -- 50 amps for only 4 hours.

But here's where the "stationary battery" manufacturers put in their footnotes.

(The faster the battery is discharged, the lower its EFFECTIVE amp-hour capacity.) Standard ratings ASSUME that the time for discharge is 8 hours, when establishing the published amp-hour rating for any particular battery.

The conclusion is that the 200 amp-hour battery will not deliver 50 amps for 4 hours; it delivers somewhat fewer than 50 amps. Stationary batteries usually come with a chart that essentially "de-rates" the "8 hr. AMP-HR" rating so you can find out how much current to expect in a shorter (or longer) time period.

BUT. I read that gell cell batteries used by hams typically have ratings of 4.5 to 7 amp-hour. If I use the 8 hour rule to get the current delivered to my rig the answer makes little sense. A 7.5 amp-hour gell cell would give me about 930 ma. Now I know that guys (and gals) take 7.5 ah batteries into the field and support QRP rigs (that need about 3 amps on transmit). With only 900 ma expected,

the gell cell will be dead in no time.

Question: Is the assumed discharge time for establishing ratings of small batteries standard? Or does it vary with the battery and the manufacturer? If so, what is it? If not, what so I use?

Thanks for the info. Next we can discuss the assumed "end voltage" for a gell cell when establishing the discharge time under a given load. (But not now.) Whew!

72 de KR4GL
J. Foote

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [691] Cascade
Message-ID: <199511302126.0AA26949@lynx.csn.net>

To echo Doug's comments. Toss all the e-mail in the corner and build from the manual. That's what I did and am very pleased with the outcome. I made two mods, both covered in the manual. A resistor substitution and grounding the back panel.

Heat the iron and sniff some solder.

72, Bob KI0G
END

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [687] Cascade Info
Message-ID: <9511302052.AA12098@deneb.csustan.edu>

Guys I have noticed several messages about the Cascade manual and all the erratta. Some of you seem to miss the point. The Cascade and all NorCal kits are Club projects, NOT Commercial products. Hundreds of hours go in to the production of the kits, design, layout, parts procurment, financing, writing of manuals, kitting etc. Then, the kits are distributed. What some of the people are doing is holding us to task for not having a perfect manual or making changes to improve it.

When you buy a club kit you are buying just that. NorCal is not Wilderness, OHR, or Small Wonder Labs. IT IS A GROUP OF INDIVIDUALS working to make a kit possible for a cheap price and many times breaking new ground. The big thing is that NO ONE gets paid. Yet, I see all of the messages complaining about the mods and the mistakes. Sure we made them. We corrected the mistakes as soon as we knew of them. All were posted to QRP-L and an erratta sheet was mailed to everyone who purchased the first 100 mailed out before we knew of the erratta, and the manuals were taken apart and the erratta sheet added to every manual after the first 100. In other words, every kit purchaser has been given an erratta sheet. How do I know that? I did it. Think about that 100 envelopes to stuff, address and mail. 200 sheets to copy. 100 manuals to take apart and add a sheet to. That is not insignificant as far as time goes.

John, Jim Kortge, and Dave Meacham have spent and are spending HUNDREDS of hours working to improve the kit. I will post a list of their mods tomorrow. It will be up to date as I have it. This is the process with Club Projects. It is what is supposed to happen. We want the kit to be modified, we want to have members suggest improvements. Don't sit back and not build your kit because you are afraid that you won't have the latest greatest mod. The radio works great as it is. The mods improve it. Build your radio. Find ways to improve it and share with the rest of us.

Some have suggested that they would "pay" for a new manual with all of the erratta in place, all of the mods listed. How much would you "pay"? I get \$250 per day to teach school, so I guess my time is worth \$30 per hour. I know how much time it took me to write the original, and if I were to guess I would say that I could rewrite the complete manual and take out all mistakes in say 2 weeks. That is \$2500. Anyone want to "pay" that? I don't think so. What you are probably willing to "pay" is the cost of printing the new copy, but you are not willing to pay for the cost of producing the new manual. Guys the material has been made available. You have it. Please don't complain about the mods and improvements. They benefit you and are part of the process.

The bottom line is BUILD YOUR RADIO. The Cascade is a wonderful first step in a SSB kit. I want to see the OHR's, Wilderness and Small Wonder Labs improve on the idea and come out with their own version. We have all kinds of CW kits available, I would love to see more SSB kits on the

market. Take the Cascade design and make it better, contribute to the hobby, don't just be a taker! If you have a suggestion for a mod, write it up and I will print it in QRPP.

If you have a Cascade Kit, don't be afraid to build it with the current set of instructions and erratta. 72, Doug.

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [698] CQ WW Results
Message-ID: <Pine.SV4.3.91.951130174938.9547D-100000@atl1>

Had a bunch of fun this weekend. Could not get the Carolina Windom to work or so it seemed to its previous level and potential - on 40. Did manage to work a couple Europeans, but had hoped for more. The Tribander worked fine on the higher bands. Highlight I think was 7Q7A on first call on 15 M. Of course, there were some others like 9A2A that I don't think I ever did get... hmmmmmm..

Band	Qs	Zs	Cs
80	2	2	1
40	10	8	7
20	68	20	39
15	34	10	19
10	4	3	3

Total 118 43 69

Score: 30,128 Time: 8 hours

73/72/jim/w4qo

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: "Bradley Mugleston" <bmugleston@dtus.com>
Subject: [682] Explorer Questions
Message-ID: <9510308177.AA817766895@cc1.dttus.com>

Group,

I have read the Explorer II assembly instructions and the Iambic Keyer instructions. Per Marshall Emm's directions I have photocopied both boards. Now I have some questions.

1- I want to build the Keyer inside the case for the Explorer. Is this a good idea or are there good reasons for having it external?

2- If the keyer is internal I believe I should connect the keyer "out to xmtr" wire to the switched leg (labeled #2 N/C in fig 1 of the Explorer assembly instructions) of the KEY jack. Is this correct?

3- Page 13 of the Explorer instructions, under "Fiinal Assembly" second step, it says "Cut both leads of the 1N4007 diode. Place a small hook at the end of each lead...". To me it looks like it says just to wack those suckers off - shouldn't I maybe measure them for length, put a small hook on the ends and then wack the excess off?

4- I've seen in this list the use of a diode(s) in line with the power line in. Should this be done and how? (both sides, which diode(s) to use, and which way to put them in)

Well thats enough for now. My soldering iron has been plugged in for 24 hours now and I haven't made a mistake yet, havent soldered or cut anything yet either but lets not get picky.

72, Brad KB0ROL

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: RobCap@aol.com
Subject: [668] For sale, keyer, \$25
Message-ID: <951130100800_39299057@mail02.mail.aol.com>

Hi Folks-

I'm cleaning out my shack, and have the following electronic keyer unit for sale:

A&A electronic keyer. Price is \$25 (firm), which includes priority US mail within the United States.

This is a vanilla electronic keyer unit. It is a fully functioning PC board unit, but does not include the case and case parts. So it is ideal for installing into a) a QRP kit, or b) a case. It makes dots and dashes. It has a built-in side-tone. It's easy to hook up, because connections are made

via connector prongs on the board, which interface with common connectors.
The unit is pretty small, about 2 in x 2 in.

I do not monitor the QRP list, so please reply directly to:

RobCap@AOL.com

73,

Rob

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: RobCap@aol.com
Subject: [669] For Sale, QRP Rig, \$75
Message-ID: <951130100754_39298910@mail06.mail.aol.com>

Hi Folks-

I'm cleaning out my shack, and have the following QRP rig for sale:

Small Wonder Labs 40-30. QRP rig for 30 meters. Price is \$75 (firm), which includes priority US mail within the United States.

Description: This is a single band QRP transceiver for 30 meters. The receiver is a superhet. Special features include a built-in Curtis Keyer, and a Radio Shack audio amp kit, to beef up the audio output of the radio. With the additional built-in amp, the radio easily drives an outboard speaker. The rig has a PL-259 jack, on/off switch in the back, and an LED on/off indicator in the front.

The rig does not have the optional RIT built-in. But I do have the RIT kit, so an experienced builder could install RIT. The unit delivers about 1.5 W transmit power out. On receive, it draws much less than 100 mA, so is ideal for battery use.

The kit was built by me into a tiny 4 inch x 4 inch x 2 inch transceiver. It is shown in my May 1995 QST article on page 60. It is the radio furthest to the right, on top.

I have easily worked DX with this little gem, using only a Cushcraft R7 vertical. DX worked includes A35 in Tonga.

I do not monitor the QRP list, so please reply directly to:

RobCap@AOL.com

73,

Rob

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: kub@upl.com (Steve Kubisch)
Subject: [671] Fox Fishing
Message-ID: <9511301519.AA01378@ringworld.pacificorp.com>

This isn't fox hunting, it's Fox Fishing. You know, you look for the circling bird to know where the fish are. Just listen to all the hunters who can HEAR the fox. You know he's there, you just can't HEAR him.
Last nite was quiet in No. Utah, and I could hear everyone working him, I just couldn't hear him. I'm just too close to these damn mountains.
I guess you could wait till the station he's working sends dit-dit and send your call. Imagine his reply in your head. Send "FB PETE 599 UT OP STEVE BK" if after a few seconds the din of hunters begins again, you worked the fox.
After two hours of listening to one sided QSO's, you can rationalize anything :0)

Maybe next week, Stan, how do you do it?? Amazing! Location? Antennas? Op Skill?

72,
Steve -WW7Y-

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
Subject: [666] FOX HEARD IN DALLAS!
Message-ID: <9510308177.AA817745758@smtpgw.ccgate.dl.nec.com>

Gang:

Well, I had a dose of beginner's luck last night. I caught the fox on my first ever fox hunt!

Pete, you had a FB signal here into the D/FW area, abt a 569!

I heard you start at 0400Z, but you were in the noise. By about 0415Z, the signal had improved dramatically, and I had no trouble copying you at all.

Heard N6ULU (?) come in right behind me. He had a super 599+ signal into Dallas!

Well done, Pete. Thanks for the fun! I'll have to do this again soon.

72/73 de Dave KK5HA

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Bing WB2SXN <ADMINH10%CLVM.BITNET@CUNYVM.CUNY.EDU>
Subject: [684] FS HW8 handbook
Message-ID: <"omnigate.c.011:30.10.95.20.44.51"@clarkson.edu>

I have the HW8 Handbook that has mods for the 7's, 8's and 9's - less than a year old - I paid \$11 for it and will put it in the mail to someone for \$7 - Tnx es 73 Bing

Bing Huckle WB2SXN
PO BX 132
Hannawa Falls, NY 13647
Home 315 265 9535
work 315 268 3867
ADMINH10@CLVM.CLARKSON.EDU

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Rich Mulvey <mulveyr@vivanet.com>
Subject: [686] FS: MFJ-9020
Message-ID: <9511301551.aa04015@vivanet.vivanet.com>

For Sale:

MFJ-9020 5 watt transceiver
Works fine, but my Sierra is now my 20M rig of choice. :-)

\$100.00/B.O.

Reply to mulveyr@vivanet.com

- Rich

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: john.moriarity@com2bbs.com (John Moriarity)
Subject: [659] Got the Fox!
Message-ID: <aa.34492.200@com2bbs.com>

Thanks to Pete, WA3NNA, for running a "late shift". What with my strange work schedule and all, he's the *first* fox I've heard this season! This was beginning to feel like an east coast party out here. Until we went back to Standard Time, most of the foxen were on before sunset, not too great for long hauls on 40M. Anyway, thanks again, Pete.

30 Nov, 0405Z, WA3NNA, his 429 (with lots of packet qrm), my 449.

Rig: OHR Explorer (the original), 2 watts into a dipole up 45 feet, running northwest to southeast.

72/73,

John, K6QQ

BTW, I saw on the news tonight that they were talking about the Brown Dwarf discovered at the Palomar Observatory. I pointed the 200 inch telescope at it last week, then wondered why the observers were so excited. Now I know! Almost as good as getting the fox.

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+-----o000o--(_)--o000o-----+
|                                     |
| Message Submitted by: john.moriarity@com2bbs.com |
+-----+-----+
| COM2: BBS | sysop: Sean Azhadi |
| San Diego, CA. | Internet: sysop@com2bbs.com |
| 619.737.0495 BBS 12 Nodes | Info: info@com2bbs.com |
| 619.737.9659 voice | |
+-----+-----+

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The contents of this message do not necessarily reflect the opinions of this BBS, it's operators or sponsors... But they should.

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>

Subject: [674] Heard people calling the fox!
Message-ID: <Pine.SUN.3.91.951130090333.18107B-100000@ume>

After seeing the report I see that nobody within 800 miles of this qth worked him either so I feel better. Had a nice qso with dave, w5rmz in tucson AZ so at least I now the antenna was working!

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: "Bradley Mugleston" <bmugleston@dtus.com>
Subject: [672] HELP
Message-ID: <9510308177.AA817753280@cc1.dttus.com>

QRP Gang,

I need some help. I have gathered the parts required to build on the the antenna turners from the November "73" and need some advice. I ordered the variable caps from Mouser and they came real fast (got the meter there too \$5.99). My problem is the caps have 8 leads (there two 250pf sections with two trimmers per section). My problem is that I don't know where to attach my wires. When you look at the caps there are three leads on one side and five on the other. I called Mouser and they didn't know either. I don't have a lot of test equipment so keep your test simple if possible. I need to connect to one 250pf section.

Thanks

Brad KB0ROL

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: "Paul Weiss" <pweiss@compumedia.com>
Subject: [678] Help - Info wanted on HW-7
Message-ID: <m0tLEU1-0006N1C@compumedia.com>

Hello All,

I am new to qrp and just bought an HW-7. I am looking for mods, solar power info, antennas and any info on operating this little rig.

thanx Paul kc7fyq

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: RobCap@aol.com
Subject: [670] Info on Green Mountain 20
Message-ID: <951130101523_39305225@emout04.mail.aol.com>

I got a mail message that said this file was damaged in transit. Oh no, shades of the U.S. Postal Service! Here it is again:

The Green Mountain 20 came up like a champ. Went from the smoke test to complete alignment in about 15 minutes.

It was very easy to align the GM-20. I peaked up the oscillator signal as received in my adjacent FT-1000, which was about S-1 without a sensing antenna. I peaked up the receiver by ear. It was late at night and 20 was dead, so I peaked up the atmospheric noise, which worked fine. I aligned the transmitter by tuning for max power into my Oak Hills QRP wattmeter.

First impressions. The rig puts out 2.5 watts. The receiver sounds very clean with no detection of the unwanted sideband. Audio out easily drives a four-inch speaker.

The unit has an LM380 audio amp which really belts out bone-jarring audio. It easily drives a four inch speaker with audio that can be heard throughout the house.

Special features include a KC-1 freq counter/keyer, built-in paddles, and an S-meter.

The GM-20 is a lot of fun, and a lot of radio for 72 bucks.

73,

Rob, WA3ULH

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [663] Inspired! OHR EXPLORER II
Message-ID: <Pine.3.89.9511300835.C6879-0100000@w3eax.umd.edu>

Got all the diodes, resistors, NPO and Ceramic caps installed last night (started work at 8:30, stopped around 2 a.m.). Good lookin' board, nice kit.

Some problems (building the 20m):

- 1) The schematic specs R24 as a 15 ohm resistor. The manual specs it as a 22 ohm resistor, and there's a 15 (no 22) in the bandpack.
- 2) The BLACK trimmer cap in the bandpack (c41, 2.3 pF) is supposed to be in a bag labeled C41. It wasn't. It looks identical to the 120 pF trimmer in the "rest of the kit" bag. Fortunately, I think I kept them separated well enough to have not swapped 'em. Sure hope so...
- 3) The kit was short one 8-pin IC socket. Fortunately, I had a <<few>> spares :)

So far so OK; I'm going to call Dick today to tell him.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

72 & 73 from lovely suburban DC 301-549-1022 weekends/evenings

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [656] ITS HERE - OHR EXPLORER II
Message-ID: <951130051317_75230.1405_HHB18-1@CompuServe.COM>

Re: From: "Bradley Mugleston" <bmugleston@dtus.com>
Subject: [628] ITS HERE - OHR EXPLORER II

Hi, Brad--

>Any on else got there's? Any problems? Any hints (this is
>my first kit).

>Got to go figure out how to get home early..

Well, mine came today too. It's not my first kit by any means, but I'm still excited when a package like that arrives. But don't get TOO excited--once you pick up that soldering iron you want to take it nice and sloooooow.

I suspect it's too late for this hint, but I will not be touching mine until I can make a photocopy of the foil side of the board. Reason being, it took a LONG time to fix my Small Wonder 30 because I had three solder bridges that were indistinguishable by visual inspection. Sometimes you check against the circuit diagram fairly easily, other times it's tough.

So I'd suggest 1) you check every joint very carefully under magnification as you go, and 2) check the whole board, referring to the copy of the foil side, before applying power.

It's hard to be that fiddly about something, and it's not in my nature to be that patient, but I do believe I have learned my lesson [g].

73/72
Marshall
AA0XI/VK5FN
CQC #154

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Duane Anderson <dandersn@ix.netcom.com>
Subject: [662] ITS HERE - OHR EXPLORER II
Message-ID: <199511301223.EAA00147@ix12.ix.netcom.com>

Regarding the arrival of the OHR Explorer II.....still waiting for mine to arrive. Then I, too, will have to "explore" the possibilities of becoming "sick" for a few days. I know lots of guys that do that when the snow falls here in Utah so they can go skiing (except they have to watch out for the boss on the ski runs....he won't be coming over to my place to make sure I'm really sick...or will he??)...anyway still waiting for that brown truck to get here so I can have the fun you guys are having.

72,
Duane, KJ7H0

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: aa7qy@primenet.com (Roger Hightower)
Subject: [690] Logo - decals, patches, etc.

Message-ID: <199511302118.OAA00840@usr1.primenet.com>

I contacted Jim at Old West Graphics and he is sending me the info on cost, etc for qrp-1 decals, patches, etc. Even T-shirts, maybe.

Any interest out there? e-mail me direct if you would like something along that line, so I can get an idea of quantity...then I can work on price. I'll plug responses into a database so I know who would like what.

tnx es 72/73, de Roger AA7QY

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: bmitchel@cba.kodak.com (Brad Mitchell)
Subject: [665] MFJ 90xx how are they?
Message-ID: <9511301350.AA09823@iiatasun.cba.Kodak.COM>

Hi all, I was wondering opinions about these rigs.
I think they are based on a Rick Littlefield design, but not sure.
I am trading my ten tec argosy 525 for one and wanted to know more about it..

Just kidding.. But really I am going to have one soon, and wanted to know opinions.

73 Brad WB8YGG

P.S. e-mail works better for me because I just get the digest, and usually just delete it these days :-(... no time!

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: bmitchel@cba.kodak.com (Brad Mitchell)
Subject: [667] never mind on the mfj90xx info
Message-ID: <9511301412.AA09929@iiatasun.cba.Kodak.COM>

I found the review on the ftp server. Thanks.
Brad WB8YGG

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995

From: David Adams <dave@flowserver.stem.com>
Subject: [689] radio shack mail order
Message-ID: <9511302115.AA08812@flowserver.stem.com>

Can anyone supply me with the name and number of the radio shack mail order outfit (in texas, I think). Need to pass it on to a friend.

73 de daven, n9uxu/6

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: ALK0FRP@aol.com
Subject: [688] SS phone results
Message-ID: <951130161111_39618091@mail04.mail.aol.com>

Sorry I'm late for SS phone report my computer is in the hospital getting a new 500 meg brain.

I'm in california at a convention

Only 16 hours 434 QSO's 76 sections
Missed MS for a sweep

Had a vy ruff time on 40 and 20 just could'nt hold a frequency

A big difference from CW weekend

but 65,000 points is'nt bad

had 2 hours on 15 meters with 71 plus Qso's per hour
but could'nt keep it up

73's AL K0FRP

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: "Bradley Mugleston" <bmugleston@dtus.com>
Subject: [680] Thanks to everyone!!!
Message-ID: <9510308177.AA817766927@cc2.dttus.com>

This morning I asked for some help on connecting some variable capacitors to a project. Well about three hours I have over 12 responses (some replies to added questions) and

the correct answer.

THANK YOU ALL AGAIN.

Brad KBØROL

Gee I love this group!!!!

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [657] UUENCODED FILES
Message-ID: <817689753.AA04432@hamlink.mn.org>

Hi gang,

I guess this is addressed the the list administrator
Can we exchange UUENCODED files here on the QRP-L list? If not, what
is the reason? (As much for my futher education in this nifty E-mail
stuff as anything else> ;-)

Thanks for the info, and happy holidays!

72 Bob WBØPOQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [658] WA3NNA FOX REPORT
Message-ID: <9511300552.AA29331@gvlf6-a>

WA3NNA FOXHUNT LOG 30 NOV 95

EARLY SHIFT

UTC		SENT	RCVD		
----	7039.5 KHz				
0035	W3PM	559		lost in qrm/qsb	
0039	N2CX	449	459	NNJ	Joe
0041	AB7JX	449	449	AZ	Russ
0047	W3PM	559	559	ALA	Gene ... made it on 2nd try
0053	K2NF	559		lost in qrm/qsb	
0057	AB50U	449		lost in qrm/qsb	
0101	AK5B	569	579	TX	Bob (heard AB50U calling in background)
0105	KA5T	559	559	Spring TX	Larry
0107	AB50U	559	559	NM	Tim ... finally on 2nd try
0110	WB3GCK	569	339	PA	Craig
0111	W00Q	559	559	CO	Marty
----	7111 KHz				
0120	W5HNS	449	559	Texas	Henry

LATE SHIFT

UTC		SENT	RCVD		
----	7039.5 KHz				
0403	K6DQ	449	429	CA	John?
0406	WA9PWP	449	459	WIS	Paul
0408	???				
0410	NG4I	349	3?9	??	?? partial report - lost in qsb
0416	KK5HA	459	569	TX	Dave
0419	WB8ZJ1	449	339	MI	Paul
0420	W6ZH	559	549	CA	Pete?
0422	N6ULU	579	339	CA	Stan .. about the strongest :-)
0427	WB9LKC	339	339	WIS	Ray
0437	N2CX	559	559	NJ	Joe 2nd contact
0438	AA10C	449c	339	??	?? got report only chirpy sig
----	7112 KHz				
0443	- 0452				called CQ - no answers
----	7039 KHz				
0453	???				
0455	K6IPV	449	5??	??	?? copied "running 5 watts"

16 solid contacts + 1 dupe
4 lost in qsb

Never fails.. You call CQ. Station answers. Nice signal. You give him 559. Sign HW? BK He starts to transmit... "OK PETE FB TNX ... " and then fades into the noise never to be heard again. Never Fails..

I also noticed last night, as well as when I was FOX last year, you call CQ

and hear what sounds like 3-4 stations of decent strength calling all at once. But you can't quite make out one complete call. Call QRZ? Nothing. Where did they all go? Must be the power of all of the stations all calling at once adds together to make one loud signal :-)

Looks like propagation was a bit longer later.. or simply the later time was more compatible with the west coast guys. I was surprised to work NM and AZ during the early shift. Must have been just getting dark out there.

Hope I didn't make too many typos in the log above. It's 12:45 AM I'm going to bed :-)

Thanks to everyone who called.. and to those who I could not copy... We'll try it again in February.

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: "Paul Weiss" <pweiss@compumedia.com>
Subject: [681] Wanted: HW-8/9
Message-ID: <m0tLEgW-0006NtC@compumedia.com>

Hello All,

I am looking for an unmodified HW-7/8

thanx Paul

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Stan Skelton <:sskelton@cln.etc.bc.ca>
Subject: [675] winding torroids of various colours
Message-ID: <Pine.3.89.9511300917.A9360-0100000@sparky>

Hi all...I have the plan for an antenna tuner for QRP use in some magazine or other (the same plans are in the handbook) its called a "T" type tuner and uses a couple of torroids wound with tapped coils....My question is this...How critical is the torroid type is this kind of tuner...I have 2 "grey" torroids that according to the handbook are good for .05 to .5 mhz and the plan calls for "yellow" torroids.....should I

even consider using the grey ones to try out or has anyone found that this would be a waste of my time.....tnx for your help....
73's Stan...VE7SKT (not a "wouff hong" winner)

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: k7yha@ix.netcom.com (Richard H. Arland)
Subject: [661] Xmas QRP Book Orders
Message-ID: <199511300934.BAA10675@ix8.ix.netcom.com>

I have posted this once before but it never made it to the list, so I'll try it one more time:

Xmas is rapidly approaching and those of you who desire to have a copy of Low Power Communications, Vol-I, II and/or III need to get your orders in ASAP to insure delivery by Xmas. The publisher is backlogged and I have been having problems filing orders in a timely manner. This should be on track by the end of next week.

For those who need specifics:

Vol-I: great beginners guide. All you need to know to start out right in QRP. \$13.50 including 4th class postage in US.

Vol-II: advanced QRP techniques. Written by some of the biggest names in the hobby. AA2U on DXing, N4BP on contesting, WB8VGE on solar power, W4THU on antennas, WB9TBU on DXpeditions, K7IRK & WA6YPE on milli/microwating. Priceless operating info. \$17.00 including 4th class postage in the US.

Vol-III: QRP gear. Everything you ever wanted to know about QRP hardware, software, accessories. Excellent look at the history and evolution of QRP gear. (Read WA8MCQ's review in the last QRP Qtly). \$13.50 including 4th class postage in the US.

The entire set (all three volumes) \$44.00 which includes Priority Air Mail in the US.

Canadian orders: \$50 for the set. NOTE: DUE TO THE FEES IMPOSED BY US BANKS ON CANADIAN CHECKS AND MONEY ORDERS, PLEASE INSURE THAT YOUR MONEY ORDER OR CHECK IS PAYABLE IN US FUNDS AND DRAWN ON A US BANK.

Checks/MOs to:

Rich Arland

PO Box 1782
Shavertown, PA 18708

Don't forget...order now so you will have your book(s) by Xmas. Orders received after Dec 10th probably won't make it in time for Xmas.

72/73 rich

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [654] Yaesu FT70G info?
Message-ID: <199511300356.TAA15744@netcom22.netcom.com>

Does anyone know more about this rig? It is apparently a small commercial HF QRP rig. How much power, etc? If it is, I have an interesting QRP anecdote.

73, doug

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [692] Re: Cascade Info
Message-ID: <Pine.3.89.9511301307.A12712-01000000@sparky>

Right on Doug...you tell em...too many people want too much and are not willing to stretch themselves and take a little gamble...

73's Stan...VE7SKT (not a "wouff hong" winner)

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: "Bradley Mugleston" <bmugleston@dtus.com>
Subject: [697] Re: HELP and Answer
Message-ID: <9510308177.AA817778758@cc2.dttus.com>

Bob Follett - WA7FCU - gave me this answer. I've been asked to share it with the group. Makes sense, thats probably why I didn't think of it.

Again Thanks to everyone

Brad

Hi Brad:

I dug mine out, and measured it. So here is the answer, or rather, an answer.

Looking down from the dial side face, orient the 3 connector side to your left.

Now, the center pins on left and right are the rotatable plates of the cap. Using the 5 pin side, you can use either upper or lower pins that are on the inside of the 2 outer pins. Each gives you about 270pF. The associated outer pins go to trimmers, which just add additional capacitance to your low end value.

BTW, the Max. capacitance occurs with CCW rotation of the shaft...not too intuitive.

Now a return favor: Any inovative ideas for mounting and attaching a knob? I have the little flathead screw that attaches to the shaft, don't want to tear apart an old am radio to find knobs, and am stumped.

73, Bob

Bob Follett WA7FCU
Park City, UT 84060 Home Office E-mail: bfollett.ditell.com

The following is an attached File item from cc:Mail. It contains information that had to be encoded to ensure successful transmission through various mail systems. To decode the file use the UUDECODE program.

----- Cut Here -----
begin 644 RFC822.TXT
M4F5C96EV960Z(&9R;VT@9V%T93\$N9'1T=7,N8V]M(&)Y(&-C,BYD='1U<RYC
M;VT@*%-5%,24Y+(&8R+C\$P+C\$P+51%4U0M1"D-"B`@("`[(%1H=2P@,S`@
M3F]V(#DU(#\$R.C\$U.C4X(\$-35`T*4F5T=7)N+5!A=&@Z(#QB9F]L;&5T=\$!D
M:71E;&PN8V]M/@T*4F5C96EV960Z(&9R;VT@<V]L87(N9&ET96QL+F-O;2!B
M>2!G871E,2YD='1U<RYC;VT@*#4N>"]334DM4U92-"D-"B`@("I9"!!03(Y
M,C4V.R!4:'4L(#,P(\$Y0=B`Q.3DU(#\$R.C\$T.C4V("TP-C`P#0I296-E:79E
M9#H@9G)O;2`R,#0N.3DN,3,R+C\$P-B`H9&ET96QL<&,V+F1I=&5L;"YC;VT@
M6S(P-"XY.2XQ,S(N,3`V72D@8GD@<V]L87(N9&ET96QL+F-O;2`H."XV+CDO
M."XV+CDI('=I=&@4TU44"!I9"! ,04\$Q,S`U,R!F;W(@/&)M=6=L97-T;VY`
M9'1T=7,N8V]M/CL@5&AU+"`S,"!.;W8@,3DY-2`Q,3HP-#HR-B`M,#<P,`T*
M1&%T93H@5&AU+"`S,"!.;W8@,3DY-2`Q,3HP-#HR-B`M,#<P,`T*365S<V%G
M92U)9#H@/#\$Y.34Q,3,P,3@P-"Y,04\$Q,S`U,T!S;VQA<BYD:71E;&PN8V]M
M/@T*36EM92U697)S:6]N.B`Q+C`-"D-O;G1E;G0M5'EP93H@=&5X="]P;&%I
M;@T*0V]N=&5N="U4<F%N<V9E<BU%;F-O9&EN9SH@-V)I='T*1G)O;3H@8F9O
M;&QE='1`9&ET96QL+F-O;0T*4W5B:F5C=#H@4F4Z(\$A%3%`-"E10.B!B;75G
M;&5S=&]N0&1T='5S+F-O;0T*26XM4F5P;'DM5&\Z(#PY-3\$P,S`X,3<W+D%!
M.#\$W-S4S,C@P0&-C,2YD='1U<RYC;VT^#0I8+4UA:6QE<CH@4U!262!-86EL
7(%9E<G-I;VXZ(#`T+C`P+C`V+C\$W#0H`

end

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: KE3FL@delphi.com
Subject: [683] Re: Help for 4040 Kit
Message-ID: <01HY9B9N7JH09C2YFS@delphi.com>

To all that responded to my call for help on the 4040 kit.
THANKS! I looked at the parts list again and sure enough
the information (# of turns) was listed as #T (22T, etc)
not being familiar with this I did not recognize it as being
the number of turns. Once it was pointed out that the turns
info was on the parts list the #T info made sense.

Still, if someone had an original 4040 for 40m the turns info
for these inductors would be nice to have. I'd like to see
the difference. Also, would it be possible to make plug in
toroids to switch from 40 to 30 meters? Or are there other
changes not easy to make?

tnx & 73 de KE3FL/Phil
:)

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: Alan Kaul <kaul@netcom.com>
Subject: [660] Re: HTX-100!
Message-ID: <Pine.3.89.9511292355.A29261-01000000@netcom9>

David: during happier sunspot times (90-91-92) I took the rig on
vacation to Hawaii and using a dipole at about 10 feet above ground from
my hotel, and about 20 feet above the ground at a rental house, I worked
35-countries on 10. Best DX was South Africa (ZS6), and I was able
to work a lot of W's and K's, including old friend K6DUE in North Carolina.
On another trip I strung a 3-element bobtail curtain between two trees
right on the beach and had about a 2-hour run to the USA, including a
long chat with world famous 10-X member Gerry, WA6POZ (my former QSL
manager when I was JY9RL). It was some fun! Using batteries while
sitting in a sand chair, with wife and daughter splashing nearby!!!!

With various 11m radios converted to 10m and running 5w, I worked from Los
Angeles about 40-states and several South American stations (never having
an antenna better than a vertical) between about '76 and '81 (another

good sunspot time). When the solar index peaks above 200 (if they ever do again), work the world! Good DX, 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: WD6BOR@aol.com
Subject: [685] Re: OHR - headphones
Message-ID: <951130154809_39594207@mail02.mail.aol.com>

Radio Shack has their Nova 44 headphones on sale for \$12.99 right now. They have padded earpieces and 1/8" stereo plug. Part number is 33-1120 (I just picked up two.)

The stereo to mono 1/8" adapter is part #274-368A for about \$1.99.

They are comfortable and low cost and seem to work fine for the price.

72s

Darrel, WD6BOR

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: AA3MD@aol.com
Subject: [695] Re: Retrieving a file
Message-ID: <951130171300_121240378@mail06.mail.aol.com>

Hope this is the proper way to retrieve a file!??

Pls retrieve the following files:

ark4.mcq (S&S Engineering rig)

tac1.mcq (TAC1, S&S Engineering)

Thanks, Craig Sterling, AA3MD (HUMBLE HAM)

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: W3HMS@aol.com
Subject: [655] Re: Testosterone, insecurity and QRO advertisements
Message-ID: <951129232555_38917933@mail06.mail.aol.com>

Order...order pls send one SMASHCRAFT ASAP. Credit card is 987-654-3210 expires 2105.....good lines!!!!73, John

From qrp-l@lehigh.edu Fri Dec 1 03:12:00 1995
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [694] Re: Thanks to everyone!!!
Message-ID: <Pine.A32.3.91j.951130140423.35211A-100000@homer10.u.washington.edu>

Hello Brad,
Please to share your correct answer with the rest of the group...OK?
Thanks!
Stephen Lee, AB7HI
slee@u.washington.edu
On Thu, 30 Nov 1995, Bradley Mugleston wrote:

> This morning I asked for some help on connecting some
> variable capacitors to a project. Well about three hours I
> have over 12 responses (some replies to added questions) and
> the correct answer.
>
> THANK YOU ALL AGAIN.
>
>
> Brad KBØROL
>
> Gee I love this group!!!!
>
>
>

From qrp-l@lehigh.edu Fri Dec 1 03:12:00 1995
From: Rich Mulvey <mulveyr@vivanet.vivanet.com>
Subject: [696] Re: UUENCODED FILES
Message-ID: <199511302328.SAA02708@aa2ys.ampr.org>

>
> Hi gang,
> I guess this is addressed the the list administrator
> Can we exchange UUENCODED files here on the QRP-L list? If not, what
> is the reason? (As much for my further education in this nifty E-mail
> stuff as anything else> ;-)
> Thanks for the info, and happy holidays!
>

It's generally considered to be rude to post UUENCODED files to
reflectors. Why? Because a lot of people pay for their news/mail

feeds, and they generally don't like downloading megabytes of data that they're not interested in receiving. :-)

The appropriate mechanism for distributing files is to place them in a public FTP location, and then posting a note to the list indicating where the files can be found.

- Rich

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: prvalko <prvalko@Oakland.edu>
Subject: [673] Re: WA3NNA FOX REPORT
Message-ID: <Pine.OSF.3.91.951130102418.18842A@saturn.acs.oakland.edu>

On Thu, 30 Nov 1995, Pete Rossi wrote:

> 0416	KK5HA	459	569	TX	Dave
> 0419	WB8ZJ1	449	339	MI	Paul
> 0420	W6ZH	559	549	CA	Pete?

So I look up at the clock and it's about a quarter past 11. I think, "Well, might as well go give Pete a call."

I walk down into the Hell-On-Earth (tm), I call a shack, and flip on the Corsair. The display still reads 7.040.5 from ME running the foxhunt last night, and there's Dave just wrapping up his Q with Pete.

I tap out my call, Pete and I swap reports. Hit the switch, shut down the station, walk up to bed. I figure it took 40... 45 seconds, tops.

Impossible. And yet it happened.

FOX Hunts... What's the big fat deal?

73! =paul= wb8zjl

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995

From: "N100Q Tom R. @ MR01 30-Nov-1995 1336" <randolph@est.ENET.dec.com>
Subject: [676] re: winding torroids of various colors
Message-ID: <9511301842.AA15485@us4rmc.pko.dec.com>

> type tuner and uses a couple of torroids wound with tapped coils....My
> question is this...How critical is the torroid type is this kind of
> tuner...I have 2 "grey" torroids that according to the handbook are good
> for .05 to .5 mhz and the plan calls for "yellow" torroids.....should I

Get the right torroids from Amidon. As you can see just from the handbook info, the grey torroids are no good above 500 KHz. So unless your tuner is for receiving WWVB on 60 KHz, it won't be much use.

The difference is the magnetic material the toriod is made of. They're only good over a certain freq range. Beyond that range you might end up with something more like a resistor or a capacitor than an inductor.

BTW, don't depend on the color. Different manufacturers color them differently.

-Tom R. N100Q randolph@est.enet.dec.com

From qrp-1@lehigh.edu Fri Dec 1 03:12:00 1995
From: "John Garrett"@mail.demon.net, G3RHP <john@antenna.demon.co.uk>
Subject: [677] Re: Yaesu FT70G info?
Message-ID: <9511301837.sg.aa24380@relay-3.mail.demon.net>

The Yaesu FT70 is a fairly rugged transportable transceiver with thumb-wheel switches for setting the freq, in the version that I have used. We bought a used one for a schools expedition to Svalbard, where it worked quite well and was a bit lighter to carry than the army Clansman back-pack sets.

For anyone likely to be using a Clansman, by the way, be warned that the frequency read-out is that of the notional centre of the pass-band, not the "carrier" freq. This caused a lot of trouble when trying to work between the Yaesu FT70 and the Clansman, as you can imagine!

Now, what was the QRP anecdote?

73 de John, G3RHP

--

john@antenna.demon.co.uk

g3rhp@amsat.org